

Tellus and NAVTEQ speed up and improve waste management process



IdealService needed to improve its waste collection process from planning to execution. An application by Tellus, using NAVTEQ maps, led to faster collection, increased efficiency, transparent reporting and continuous improvement.

Challenge

IdealService needed to define and manage the collection of 18,000 recycling bins, using a GIS system supported by precise and detailed cartography.

It wanted the system to be able to support drivers by supervising and reporting their jobs in real time. It also needed to report to its local authority customers related activities such as bin emptying and door-to-door collection, certify when services were completed, and support drivers when there was change of personnel.

Solution

Tellus selected SATfinder – an application forming part of the Ecology ECOfinder suite – for IdealService, because an application for Palm is integrated and the PDA comes with maps from NAVTEQ.

The PDA application allowed Idealservice to geo reference its group of recycling bins and to generate sequences of Points of Interest, such as activities to be done during collections.

THE CHALLENGE

- Collection of 18 000 recycling bins
- Real-time supervision of drivers
- Provide a proof of job completion
- Reduce wastage of time and money.

THE SOLUTION

- ECOFINDER Suite featuring
- Route optimisation
- In-cab driver assistance with PDA application
- Accurate vehicle tracking
- NAVTEQ maps for quality and detail.

THE BENEFITS

- Automated reporting of truck activity
- Transparent communication with customers thanks to direct access to collection progress
- Immediate detection of inefficiencies in collection work
- Savings in time and money by not emptying bins every day
- More autonomous drivers thanks to PDA tools.

Benefits

Trucks can now be pinpointed in real time on accurate NAVTEQ maps, including street and street number details. SATfinder automatically generates summary reports about how many kilometres were driven, when tours began and ended, and total truck activity apart from stops.

SATfinder can also make precise reports, spotlighting anomalies such as unemptied recycling bins. Some 180 bins are emptied a day but 30% aren't full. By optimising pickups, savings in both time and money could be made, estimated at €38,000 per truck each year.



How NAVTEQ helped?

The accuracy of NAVTEQ maps was critical for IdealServices:

- Detailed navigation attribute for the best navigation experience and precise route planning
- Comprehensive road network coverage for accurate real-time vehicle tracking

"Implementing the ECOFinder suite has improved our activity, providing a transparent operation to our customers, and increasing waste management efficiency."

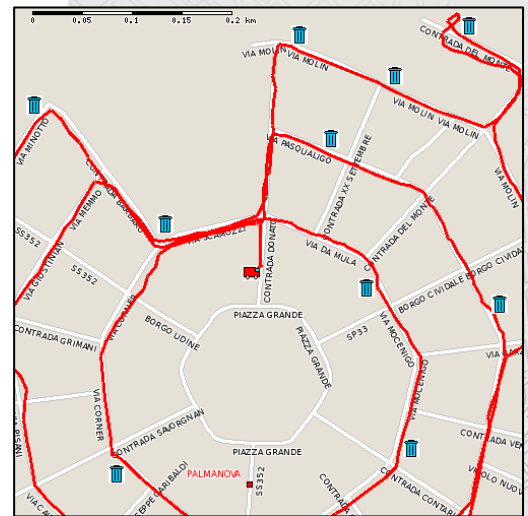
IdealService

About Partner Tellus

Located in Udine, Italy, Tellus has operated since 1997 in the field of Geographic Information Systems. Focused on planning and implementing GIS software, its applications allow work on paths planning and delivery scheduling; geo marketing, balancing zones, trading data analysis; fleet management: integration of on-board hardware (GPS, GSM, other) with ground software for vehicle control.

About NAVTEQ

NAVTEQ is a leading provider of comprehensive digital map information for automotive navigation systems, mobile navigation devices, Internet-based mapping applications, and government and business solutions. NAVTEQ creates the digital maps and map content that power navigation and location-based services solutions around the world. The Chicago-based company was founded in 1985 and has approximately 3100 employees located in 167 offices in 31 countries. Its European headquarters are in Veldhoven, Netherlands. For more information, visit www.navteq.com.



NAVTEQ CONTACTS

enterprise@navteq.com
www.navteq.com